

TruePower Trio



POWER SUPPLIES

One, Two, Trio!

The new generation of power supplies has arrived with Antec's TruePower Trio series. The three +12V rails allow you to distribute your power more evenly, which will result in a more stable system. Available in three models: 430 Watt, 550 Watt and a 650 Watt that gives you serious power for even the most cutting edge components. TruePower Trio perfectly handles dual processors, dual graphics cards, and just about anything else you can throw at it.



Major new features include:

- **Universal Input, Active PFC**
- **ATX12V version 2.2 compatible.** 24-pin main power connector with detachable 4-pin section for backwards compatibility with older motherboards
- **Triple +12V outputs**, for stability and safety
- **Fan only connector** for Quiet Computing™

SPECIFICATION:

- ATX12V version 2.2
- Universal Input, automatically adjusts for 100V to 240V power grids
- Active Power Factor Correction (PFC) for environmentally friendlier power
- Three 12V output circuits provide added system stability
- Accurate power rating allows TruePower Trio to deliver its full rated power, 24 hours a day rated at 50°C
- Up to 85% efficiency
- 120mm low noise cooling fan
- Fan Only power connectors allow TruePower Trio to control case fan speeds, reducing total system noise
- Dedicated outputs for stable output and less ripple noise
- Feedback loop circuits for tighter load regulation ($\pm 3\%$) to maintain accurate voltage to all components
- Heavy duty protection circuitry prevents damage resulting from short circuits (SCP), power overloads (OPP), over voltages (OVP), and under voltages (UVP)
- 4 SATA connectors for Serial ATA drives
- Two PCI-E connectors for PCI-Express video cards on 550W and 650W models, one connector on 430W model
- MTBF: 80,000 hours at 50°C
- Safety approvals: UL, CUL, FCC, TÜV, CE, C-tick, CCC, CB
- Power Factor value up to 99%
- Gold plated connectors for superior conductivity
- AQ3 – Antec Quality three-year parts and labor warranty
- Available from 430W, 550W and 650W

Safety Protection

Over Voltage Protection (OVP)
Short Circuit Protection (SCP)
Under Voltage Protection (UVP)
Over Power Protection (OPP)

Input:

| | |
|-----------------------|-------------------------|
| Input Voltage | 100 ~ 240VAC $\pm 10\%$ |
| Input frequency Range | 47Hz ~ 63Hz |
| Efficiency | Up to 85% |

Environmental:

| | |
|-----------------------|--|
| Operating Temperature | 10°C to 50°C |
| MTBF | 80,000 hours at 25°C |
| Net Weight | 4.6 lbs |
| Safety Approvals | UL, CUL, FCC, TÜV, CE, C-tick, CCC, CB |
| Size | 3.4" (H) x 5.5" (W) x 5.9" (D) |

UCC13#:

| | 430 Watt | 550 Watt | 650 Watt |
|----|-----------------|-----------------|-----------------|
| US | 0761345-23430-6 | 0761345-23550-1 | 0761345-23650-8 |
| EC | 0761345-27430-2 | 0761345-27550-7 | 0761345-27650-4 |
| GB | 0761345-27431-9 | 0761345-27551-4 | 0761345-27651-1 |

